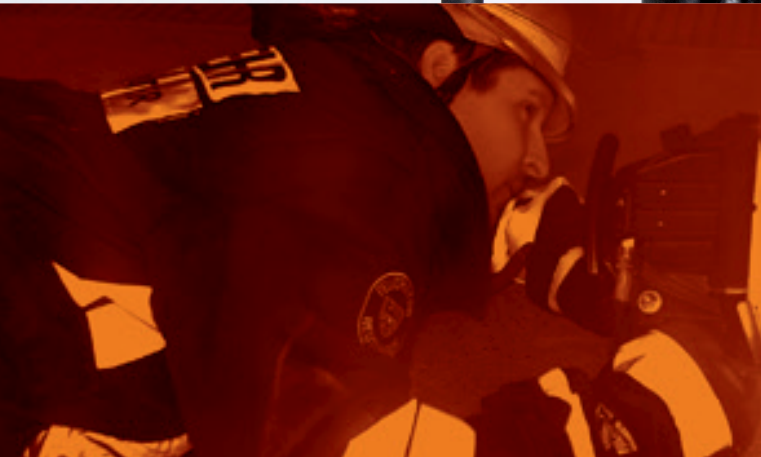


LED

LED 90 AC



KARL *Meister* GmbH



A compact Highlight...

... This is what we call our LED 90 AC floodlight with newest High Power technology and unrivalled brightness that offers you the following benefits:

- LED lamp works approx. 50,000 hours (LED change after approx. 6 years in 24-hour operation, in daily 6-hour operation after approx. 24 years)
- Reduced power in case of over-temperature due to integrated thermal sensor: in case of very high outdoor temperatures or intensive sunlight power input is reduced in an infinitely variable and hardly noticeable way. This protects power electronics and the LED chip against premature wear.
- No lamp exchange, no maintenance work
- High reliability, irrespective of switching frequency
- Enormous brightness (better illumination than a 1000 W halogen light at just 10 % of its energy consumption)
- High energy efficiency (saves 90 % energy versus a halogen floodlight due to highly effective optics; total power input max. 108 W, high economy and very good ecobalance, recyclable)
- Immediate full luminosity at any outdoor temperature (also after disruption of power supply)
- State-of-the art LED lamps provide unrivalled yield of light. The light has been mainly engineered for low power input of just 108 W plus the ability to deliver optimum results even in conditions of poor visibility (fog, rain, snow, smoke). The colour temperature in particular was selected so that pockets of ember etc. can be reliably detected.
- Requires emergency sets with much lower output (thus offsetting higher costs of LED floodlights compared to conventional lighting technology; fuel consumption is drastically reduced)
- Higher input voltage range from 100 ...277 V AC 50/60 Hz. (Functionality is guaranteed even when long extension lines are used, 100 % brightness even in the case of voltage fluctuations.) Suitable for worldwide use in all public grids.
- Absolute protection from external damage (high-grade driver installed in rugged lamp housing, driver electronics additionally potted in separate aluminium housing)
- Inverter operation with sine inverter is possible
- Exact emission of a certain wavelength without heat radiation (ideal for close-range use when rescuing people, no ultraviolet and infrared radiation)
- Easy offset of the floodlight during operation (making the floodlight superbly suited for mounting on light poles, turntable ladders, boom lifts, etc.)
- Easy exchange of parts (modular design)
- Long service life (innovative heat dissipation, high-grade housing, low emissions)
- The reflector specifically designed for the LED chips used in this floodlight provides an exceptionally fluid, pleasant transition from bright to dark. In the interaction with the uniform light distribution this largely avoids the typical floodlight glare that is perceived as particularly unpleasant.

This floodlight with its corrosion-resistant, powder-coated and thus nearly indestructible sand-casting housing lets you stay cool even when the action gets hot. The housing only heats up very moderately even after prolonged operation of the light and allows the unit to be stowed in the vehicle immediately after use.

Because we always offer you a bit more you can expect Meister to deliver top-quality "made in Germany" that has been developed for general mobile uses and for disaster relief operations. The floodlight comes as a complete unit that is fit for use by fire departments and includes the mounting element, carrying handle, cable and plug. In other words, this is a reliable investment that will pay off both for you and the environment for many years.